

6300482

Title: METHOD FOR DIAGNOSIS AND
TREATMENT OF MDK1 SIGNAL
TRANSDUCTION DISORDERS
Inventor(s): Thomas CIOSEK et al.
Appl. No.: 08/368,776

FIG. 1A

aagcggccggctgcagtcggagacttgcaggcagcaaaccacggatgcgaacgaaaccggagggggagagagaaatcaaaccatgcgt 90
 ggagcagacggcctgggaccagaaggatgcgtgcaggagcgaataataacaataataaccacttcggagcaaaccatgcgt 180
 aaagagctgcgacccaaactgcagcctaaaaatcaaaccatgcgtcatgcacc 232

10 20 30
 M V V O T R F P S W I I L C Y I W L L G F A H T G E A Q A A
 ATGGTTGTTCAAACCTGGTTCCCTCGTGGATTATTTGTGTACATCTGGCTGCTTGCACACACGGGGAGGCGCAGGCTGCG 322

40 50 60
 K E V L L L D S K A Q O T E L E W I S S P P S G W E E I S G
 AAGGAAGTACTATTACTGGACTCGAACAGAACAAACAGAATTGGAATGGATTCCCTCTCCACCCAGTGGTGGGAAGAAATTAGTGGT 412

70 80 90
 L D E N Y T P I R T Y Q V \odot Q V M E P N Q N N W L R T N W :
 TTGGATGAGAACTACACTCCGATAAGAACATACCAAGGTGTGCCAGGTATGGAGCCAAACAGAACAACTGGCTCGGACTAACCTGGATT 502

100 110 120
 S K G N A Q R I F V E L K F T L R D \odot N S L P G V L G T \odot K
 TCTAAAGGCAACGCACAAAGGATTTGTAGAATTGAAATTACCTTGAGGGATTGTAATAGTCTCCGGAGTCTGGAACTTGCAG 592

130 140 150
 E T F N L Y Y Y E T D Y D T G R N I R E N L Y V K I D T I A
 GAAACGTTAATTGTACTATTATGAAACAGACTACGACACCCGCGAGGAATATCGAGAAAACCTTATGTTAAAATAGACACCATTGCT 682

160 170 180
 A D E S F T Q G D L G E R K M K L N T E V R E I G P L S K E
 GCAGATGAAAGTTCACACAAGGTGACCTGGTGAAGAAAAGATGAAGCTGAACACTGAGGTGAGAGAGATTGGACCTTGTCCAAAAG 772

190 200 210
 G F Y L A F Q D V G A \odot I A L V S V K V Y Y K K \odot W T I V E
 GGATTCTATCTGCCTTCAGGATGTAGGGCTTGCATAGCATGGTTCTGTCAAAGTGTACTACAAGAAGTGTGGACCTTGTGAG 862

220 230 240
 N L A V F P D T V T G S E F S S L V E V R G T \odot V S S A E E
 AACCTAGCTGTCTTCAGATACTGACTGGTCCGGAAATTCCCTCTAGTCAGGAGTCCGGACATGTGTCAGCAGTGCAGGAA 952

250 260 270
 E A E N S P R M H \odot S A E G E W L V P I G K \odot I \odot K A G Y Q
 GAGGCAGAAAATTCCCCAGAATGCGATTGCAAGGAGAGTGGCTAGTACCCATTGGAAAATGCATCTGCAAAGCAGGCTATCG 1042

280 290 300
 Q K G D T \odot E P \odot G R R F Y K S S S Q D L Q \odot S R \odot P T H S
 CAAAAAGGGACACTTGCACCCCTGTGGCCGAGGTTCTACAAATCTCCTCTCAGGATCTCCAGTGTCTCGTTGTCCAAACCCACAGC 1132

310 320 330
 F S D R E G S S R \odot E \odot E D G Y Y R A P S D P P Y V A \odot T R
 TTCTGACCGAGAAGGATCATCCAGGTGTAATGTGAAGATGGGACTACAGAGCTCTGATCCACCATAGTGCATGACGAGG 1222

340 350 360
 P P S A P Q N L I F N I W O T T V S L E W S P P A D N G G R
 CCTCCCTCTGCACACAGAACCTTATTTCAATCAATCAAACGACTGTAAGTTGGATGGAGTCTCCGGCTGACAACGGGGAAAGA 1312

370 380 390
 N D V T Y R I L \odot K R \odot S W E Q G E \odot V P \odot G S N I G Y M P
 AACGATGTCACCTACAGAAATCTGTGAAGGGTGCAGTTGGAACAGGGAGAATGTGTGCCATGCGGAAGTAACATTGGATACATGCC 1402

400 410 420
 Q Q T G L E D N Y V T V M D L L A E A N Y T F E V E A V N G
 CAGCAGACGGGATTAGAGGATAACTGTCACTGTCATGGACCTACTGCCATGCAAATTACACTTCAAGTTGAAGCTGTAAATGGA 1492

430 440 450
 V S D L S R S Q R L F A A V S I T T G Q A A P S Q V S G V M
 GTTTCGGACTTAAGCAGATCCAGAGGCTTCGCTGCTTGTAGCATCACCCGGTCAAGCAGCTCCCTCGCAAGTGAAGTGGAGTCATG 1582

460 470 480
 K E R V L Q R S V Q L S W Q E P E E P N G V I T E Y E I K Y
 AAGGAGCGAGTACTGCAGCGAGTGTGCAGCTTCTGGCAGGAGCCGGAGCATCCAAATGGAGTCATCACGGAAATGAAATCAAGTAT 1672

490 500 510
 Y E K D Q R E R T Y S T L K T K S T S A S I N N L K P G T V
 TATGAGAAAGATCAACGGAAAGGACGTACTCAACACTCAAACCAAGTCCACCTCCGCTCATTAAATCTGAAACCGGGAAAGCTG 1762

520 530 540
 Y V F Q I R A V T A A G T G N Y S P R L D V A T L E E A S G
 TACGTCTTCAGATCCGGGGTCACTGCTGCCGTTATGGAAACTACAGCCCTAGGCTTGTGTCACACTTGAGGAAGCTCAGGT 1852

FIG. 1B

**Title: METHOD FOR DIAGNOSIS AND
TREATMENT OF MDK1 SIGNAL
TRANSDUCTION DISORDERS**
Inventor(s): Thomas CIOSSEK et al.
Appl. No.: 08/368,776

FIG. 2A

MDK1'-T1

28

MDK1-T2

V A V A G T I I L V F M V F G F I I G R R H C G Y S K A D Q
 570
 G T G G C T G T A G C A G G G A C C A T C A T C T G G T G T C A T G G T G G C T T C A T G G T G G C A C T G T G G T T A T G C A A G G C T G A C C A A 2002
 580
 E G D E E L Y F H S L Y R E R G D G M E K T Q H N K X W M I
 590
 G A A G G G G A T G A A G A A C T C A G G G A A A G G G G A A C G G G A T G G A A A G A C A C A G G C A C A T A A G G A A G T G G A T G A T T 2092
 600
 610
 620

* 1885 A.S.C.S.

FIG. 2C

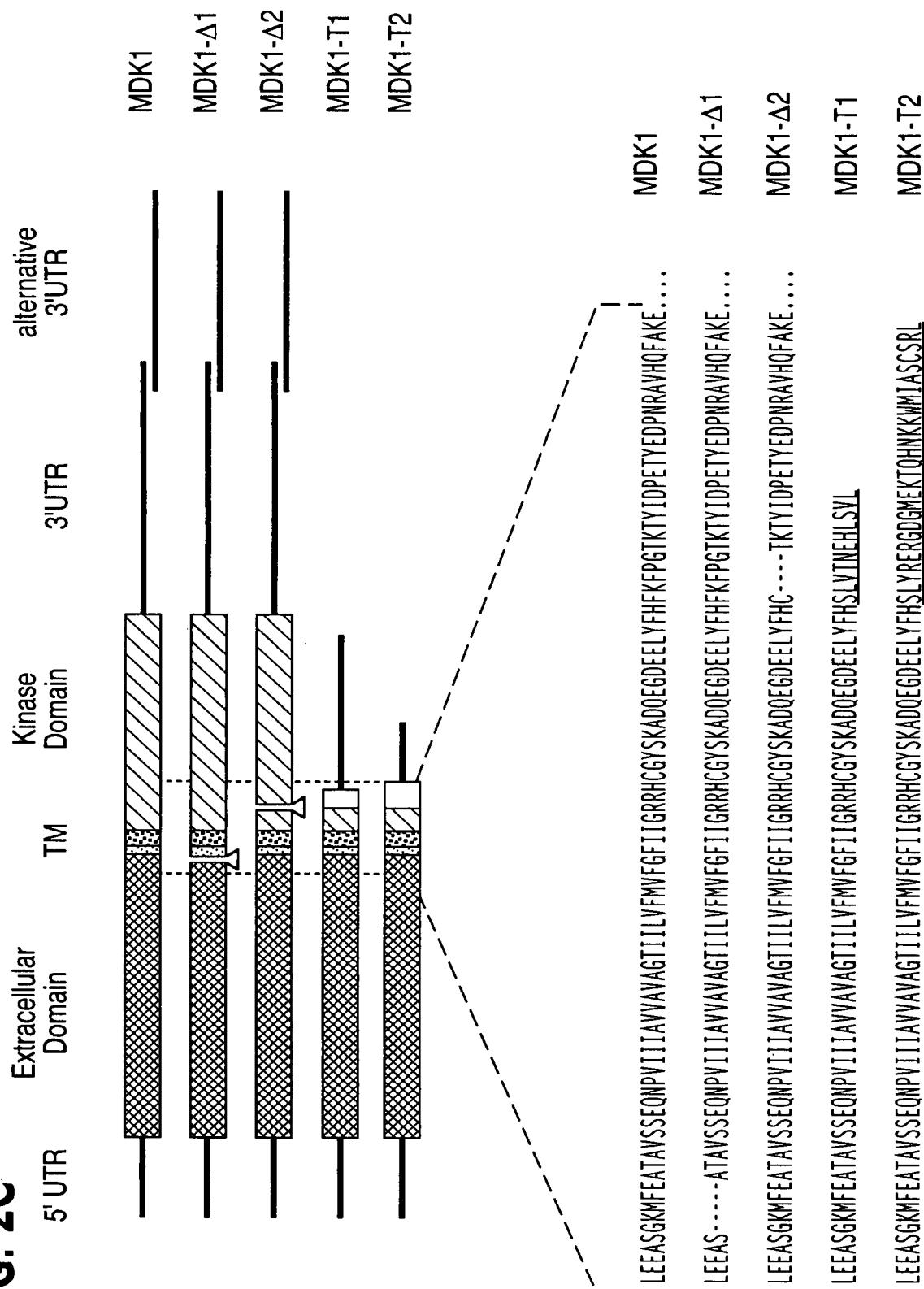


FIG. 3

